

Project Title	Funding	Strategic Plan Objective	Institution
Biomarkers for autism and for gastrointestinal and sleep problems in autism	\$0	Q1.L.A	Yale University
Intersensory perception of social events: Typical and atypical development	\$134,355	Q1.L.C	Florida International University
A prospective multi-system evaluation of infants at risk for autism	\$0	Q1.L.B	Massachusetts General Hospital
Visual attention and fine motor coordination in infants at risk for autism	\$73,315	Q1.L.A	University of Connecticut
Development of face processing in infants with autism spectrum disorders	\$409,613	Q1.L.B	Yale University
ACE Center: Gaze perception abnormalities in infants with ASD	\$293,130	Q1.L.A	Yale University
Developmental characteristics of MRI diffusion tensor pathway changes in autism	\$188,027	Q1.L.A	Washington University in St. Louis
ACE Center: MRI studies of early brain development in autism	\$349,341	Q1.L.A	University of California, San Diego
ACE Center: Early detection and intervention in infants at risk for autism	\$614,004	Q1.L.B	University of Washington
Translational developmental neuroscience of autism	\$164,718	Q1.L.B	New York University School of Medicine
Are autism spectrum disorders associated with leaky-gut at an early critical period in development?	\$302,820	Q1.L.A	University of California, San Diego
Development of neural pathways in infants at risk for autism spectrum disorders	\$312,028	Q1.L.A	University of California, San Diego
Extraction of functional subnetworks in autism using multimodal MRI	\$353,349	Q1.L.B	Yale University
Connectivity in social brain systems in autism	\$197,366	Q1.Other	Yale University
Developmental social neuroscience in infants at-risk for autism	\$182,092	Q1.L.C	Yale University
INT2-Large: Collaborative research: Developing social robots	\$0	Q1.Other	University of California, San Diego
Neurophysiological investigation of language acquisition in infants at risk for ASD	\$28,000	Q1.L.A	Boston University
The development of joint attention after infancy	\$291,832	Q1.L.C	Georgia State University
Visual processing and later cognitive effects in infants with fragile X syndrome	\$237,070	Q1.Other	University of California, Davis
Placental vascular tree as biomarker of autism/ASD risk	\$0	Q1.L.A	Research Foundation for Mental Hygiene, Inc.
ACE Center: Integrated Biostatistical and Bioinformatic Analysis Core (IBBAC)	\$205,018	Q1.L.A	University of California, San Diego
ACE Center: The development of the siblings of children with autism: A longitudinal study	\$309,408	Q1.L.B	University of California, Los Angeles
Prosodic and pragmatic processes in highly verbal children with autism	\$112,500	Q1.L.C	President & Fellows of Harvard College
Social-emotional development of infants at risk for autism spectrum	\$598,969	Q1.L.B	University of Washington

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The development of selective attention in infancy as measured by eye movements	\$53,376	Q1.Other	York University
Neurobehavioral research on infants at risk for SLI and autism	\$671,693	Q1.L.A	Boston University
Neurobehavioral research on infants at risk for SLI and autism (supplement)	\$345,307	Q1.L.A	Boston University
Novel methods for testing language comprehension in children with ASD	\$127,500	Q1.S.B	Boston University
Biomarkers and diagnostics for ASD	\$149,600	Q1.S.A	Institute of Biotechnology
Multiplexed suspension arrays to investigate newborn and childhood blood samples for potential immune biomarkers of autism	\$0	Q1.L.A	Centers for Disease Control and Prevention (CDC)
Early social and emotional development in toddlers at genetic risk for autism	\$369,348	Q1.L.A	University of Pittsburgh
Atypical pupillary light reflex in individuals with autism	\$0	Q1.Other	University of Missouri
The emergence of emotion regulation in children at-risk for autism spectrum disorder	\$8,719	Q1.L.A	University of Miami
Social and statistical mechanisms of prelinguistic vocal development	\$0	Q1.Other	Cornell University
Predicting autism through behavioral and biomarkers of attention in infants	\$35,518	Q1.L.A	University of South Carolina
Dynamics of cortical interactions in autism spectrum disorders	\$60,000	Q1.L.A	Cornell University
Using near-infrared spectroscopy to measure the neural correlates of social and emotional development in infants at risk for autism spectrum disorder	\$15,000	Q1.L.A	Harvard University
Receptive vocabulary knowledge in low-functioning autism as assessed by eye movements, pupillary dilation, and event-related potentials	\$0	Q1.L.C	Johns Hopkins University
Misregulation of BDNF in autism spectrum disorders	\$0	Q1.L.A	Weill Cornell Medical College
A prospective multi-system evaluation of infants at risk for autism	\$0	Q1.L.B	Massachusetts General Hospital
Early identification of autism: A prospective study	\$481,734	Q1.L.A	University of Pittsburgh
Sensor-based technology in the study of motor skills in infants at risk for ASD	\$242,606	Q1.L.A	University of Pittsburgh
Identification of lipid biomarkers for autism	\$0	Q1.L.A	Massachusetts General Hospital
ACE Center: Eye-tracking studies of social engagement	\$293,269	Q1.L.B	Yale University
Perception of social and physical contingencies in infants with ASD	\$319,523	Q1.L.B	Emory University
The ontogeny of social visual engagement in infants at risk for autism	\$479,226	Q1.L.A	Emory University

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Brain-behavior growth charts of altered social engagement in ASD infants	\$208,333	Q1.L.A	Yale University
Physical and clinical infrastructure for research on infants at risk for autism	\$0	Q1.L.A	Emory University
Growth charts of altered social engagement in infants with autism	\$0	Q1.L.A	Emory University
ACE Center: Linguistic and social responses to speech in infants at risk for autism	\$301,655	Q1.L.A	University of Washington
RNA expression studies in autism spectrum disorders	\$500,000	Q1.L.A	Boston Children's Hospital
Signatures of gene expression in autism spectrum disorders	\$0	Q1.L.A	Boston Children's Hospital
Epigenetic biomarkers of autism in human placenta	\$576,142	Q1.L.A	University of California, Davis
Magnetic source imaging and sensory behavioral characterization in autism	\$176,229	Q1.L.B	University of California, San Francisco
INT2-Large: Collaborative research: Developing social robots	\$0	Q1.Other	University of Miami
Cellular structure of the amygdala in autism	\$51,326	Q1.L.B	University of California, Davis
Electrophysiological, metabolic and behavioral markers of infants at risk	\$395,734	Q1.L.A	Boston Children's Hospital
Baby Siblings Research Consortium	\$45,000	Q1.S.B	Autism Speaks (AS)
Analyses of brain structure and connectivity in young children with autism	\$249,000	Q1.L.B	University of California, Davis
Infants at risk of autism: A longitudinal study	\$582,633	Q1.L.A	University of California, Davis
Temporal coordination of social communicative behaviors in infant siblings of children with autism	\$0	Q1.L.A	University of Pittsburgh
ACE Center: Auditory mechanisms of social engagement	\$263,206	Q1.Other	Yale University
Physical and clinical infrastructure for research on infants-at-risk for autism at Yale	\$219,581	Q1.L.A	Yale University
Studying the biology and behavior of autism at 1-year: The Well-Baby Check-Up approach	\$272,245	Q1.L.A	University of California, San Diego
ACE Center: Clinical Phenotype: Recruitment and Assessment Core	\$310,430	Q1.L.A	University of California, San Diego
ACE Network: A longitudinal MRI study of infants at risk for autism	\$3,246,479	Q1.L.A	University of North Carolina at Chapel Hill
Supplement to NIH ACE Network grant: "A longitudinal MRI study of infants at risk for autism"	\$180,000	Q1.L.A	University of North Carolina at Chapel Hill
Serum antibody biomarkers for ASD	\$570,780	Q1.L.A	University of Texas Southwestern Medical Center

